

Patent Abstracts of Japan

PUBLICATION NUMBER : 06038432
 PUBLICATION DATE : 10-02-94

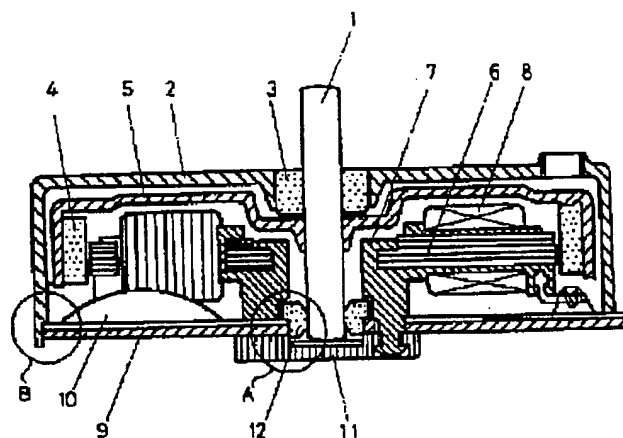
APPLICATION DATE : 17-07-92
 APPLICATION NUMBER : 04190446

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : OKADA YASUHIRO;

INT.CL. : H02K 5/00 H02K 29/00

TITLE : METHOD FOR CONNECTING
 GROUNDING OF DIRECT CURRENT
 BRUSHLESS MOTOR



ABSTRACT : PURPOSE: To easily and surely ground a motor case and metal board by press fitting a metallic bearing member in a way that it is in contact with an inside circumferential conductor pattern and press fitting the metal board into a metallic motor frame.

CONSTITUTION: An insulating layer is formed on the surface of a metal base, and a copper foil conductor pattern is formed thereon. A conductor pattern for grounding is formed on the inside circumference and connected to a grounding terminal. A lower bearing 12, when press fit into a metallic circuit board 9, comes into contact with the conductor pattern for grounding and the metal base to provide grounding. The metallic circuit board 9 is then fitted, and secured in a metallic motor case 2, which is thereby grounded through the conductor pattern for grounding and the grounding terminal. The constitution above makes it possible to ground the motor case 2 just by building the metallic circuit board 9 thereinto.

COPYRIGHT: (C)1994,JPO&Japio

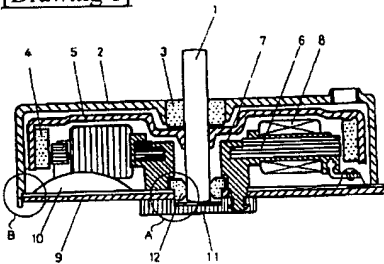
* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

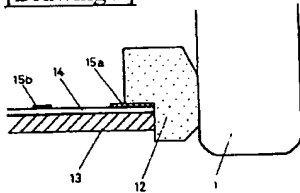
1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

DRAWINGS

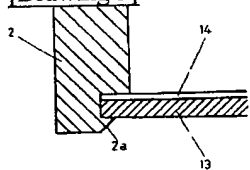
[Drawing 1]



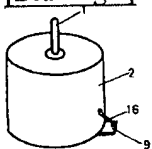
[Drawing 2]



[Drawing 3]



[Drawing 4]



[Translation done.]